



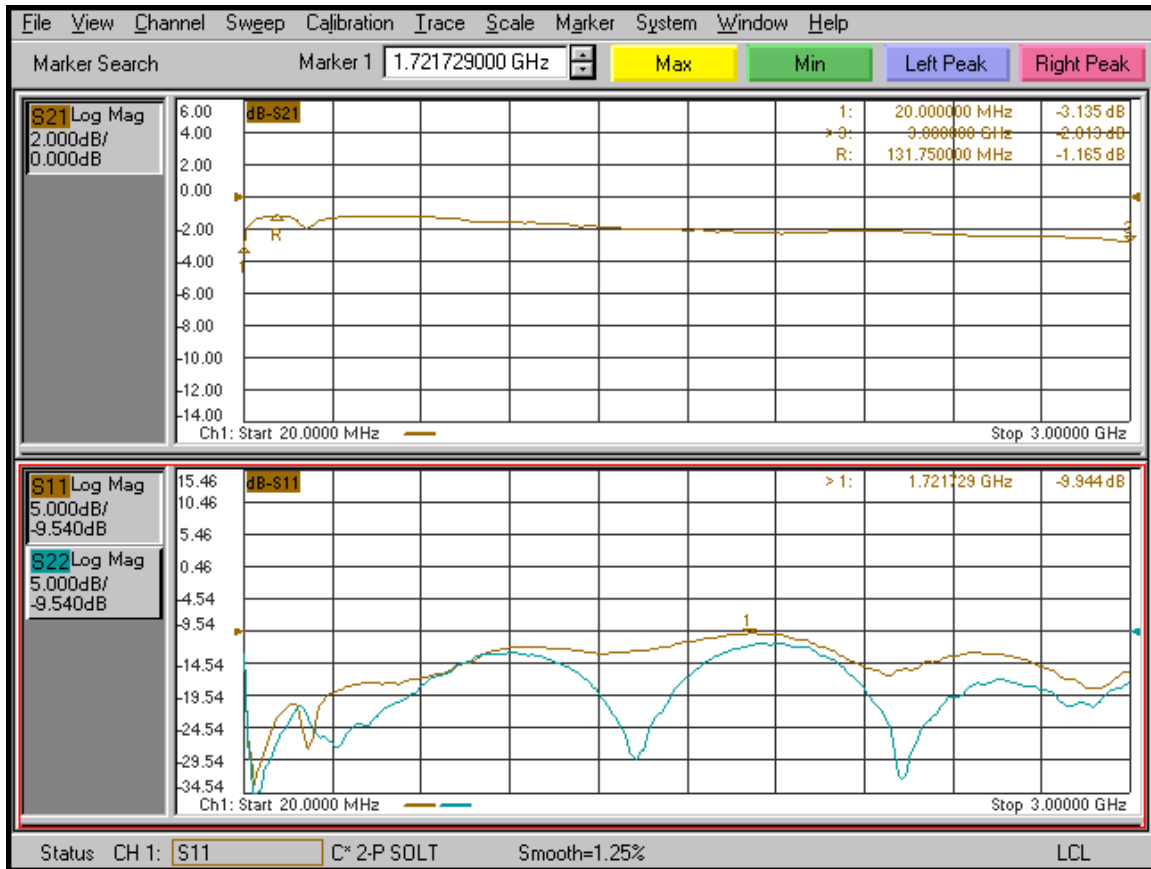
**SUMMARY TEST DATA
ON
20M3G-8T-SFGM-LV**

Customer : _____
 Job No : PE509305
 Model No : 20M3G-8T-SFGM-LV
 Serial No : PL1998/0604

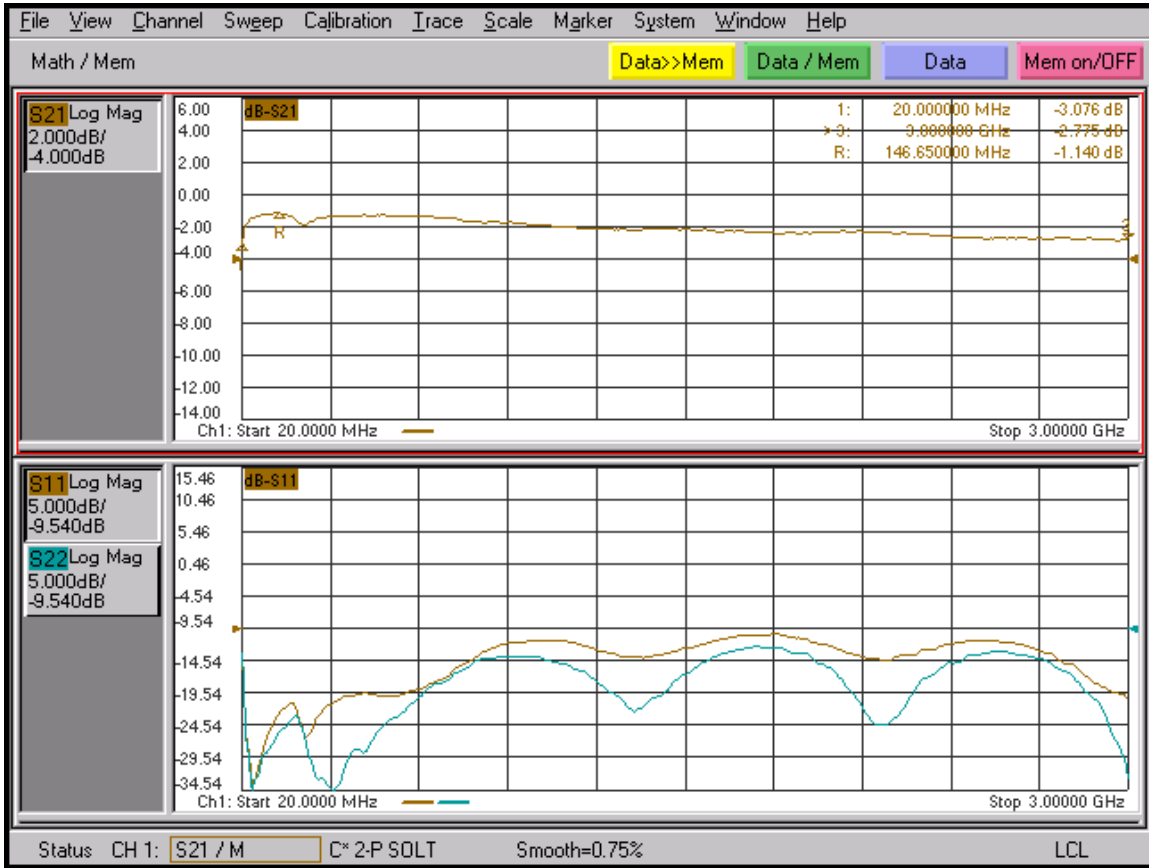
Tested By : Dan Vescuso
 Temperature : +25°C
 Date : 1/31/06

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA/QC
1	Frequency Range:	20 – 3000 MHz	20 – 3000 MHz	
2	Insertion Loss (Max):	.02 – 1.0 GHz 2.0 dB 1.0 – 2.0 GHz 2.5 dB 2.0 – 3.0 GHz 3.0 dB	See Plot	
3	Isolation (Min):	.02 – 1.0 GHz 70 dB 1.0 – 2.0 GHz 60 dB 2.0 – 3.0 GHz 55 dB	See Plot	
4	VSWR (Max):	.02 – 1.0 GHz 1.8 : 1 1.0 – 2.0 GHz 1.9 : 1 2.0 – 3.0 GHz 2.0 : 1	See Plot	
5	Input 1dB Compression Point (Min/Typ):	.02 – 1.0 GHz +23/25 dB 1.0 – 2.0 GHz +27/29 dB 2.0 – 3.0 GHz +30/32 dB	+25 dB Typ.	
6	Switching Speed:	12 uS	20 uS On 10 uS Off	
7	Amplitude Balance:	+/- 0.25 dB	See Plot	
8	Phase Balance:	+/- 4.0 degrees	See Plot	
9	Video Transients:	Above 20 MHz -100 dBm Below 20 MHz -75 dBm	Pass	
10	DC Supply:	+5 VDC 450 mA -12 VDC 250 mA	235 mA @ +5 VDC 270 mA @ -12 VDC	

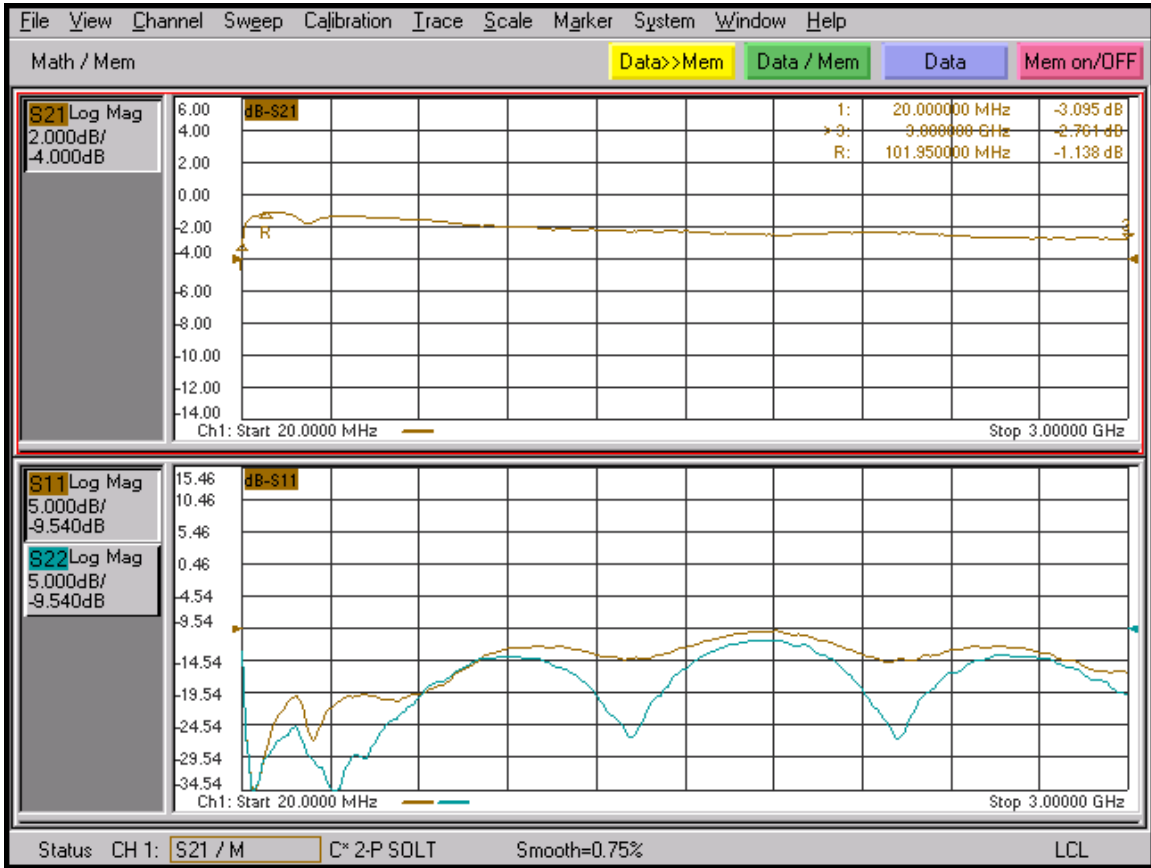
Typ. Insertion Loss and Return Loss J1-J9



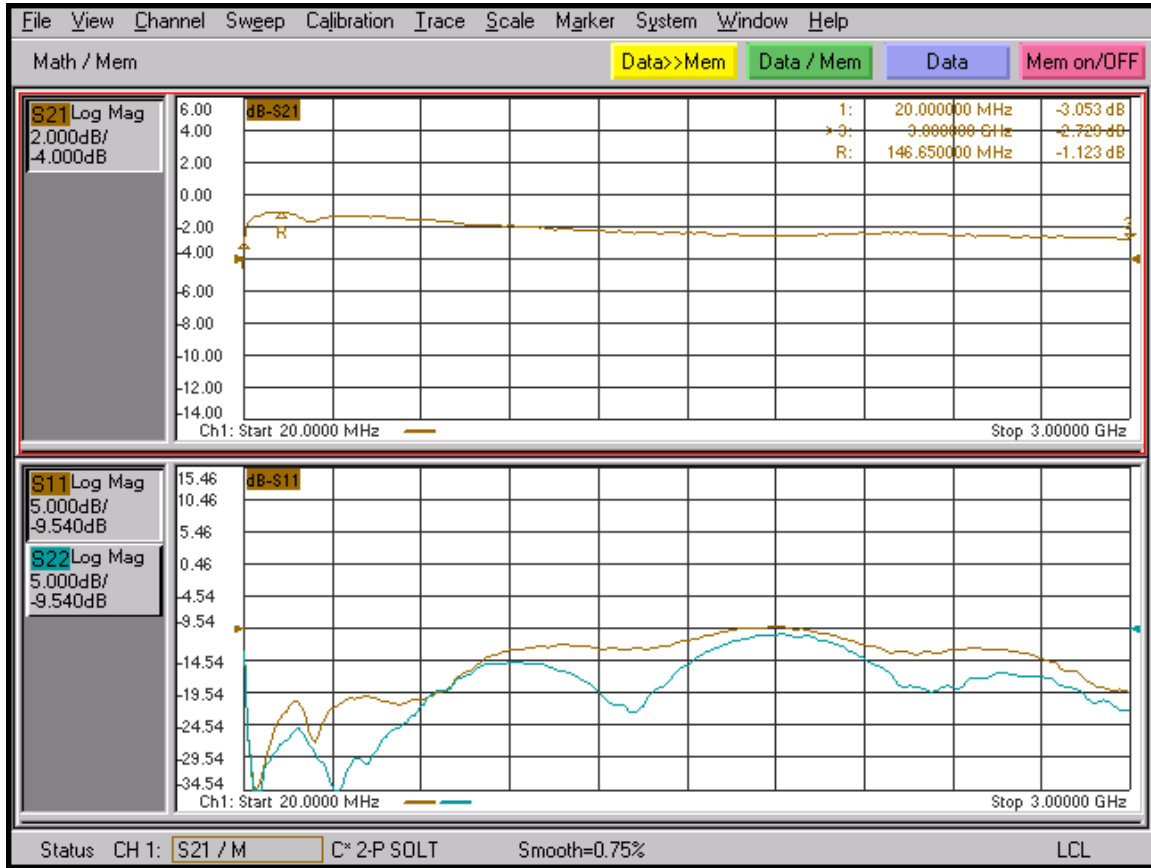
Typ. Insertion Loss and Return Loss J2-J9



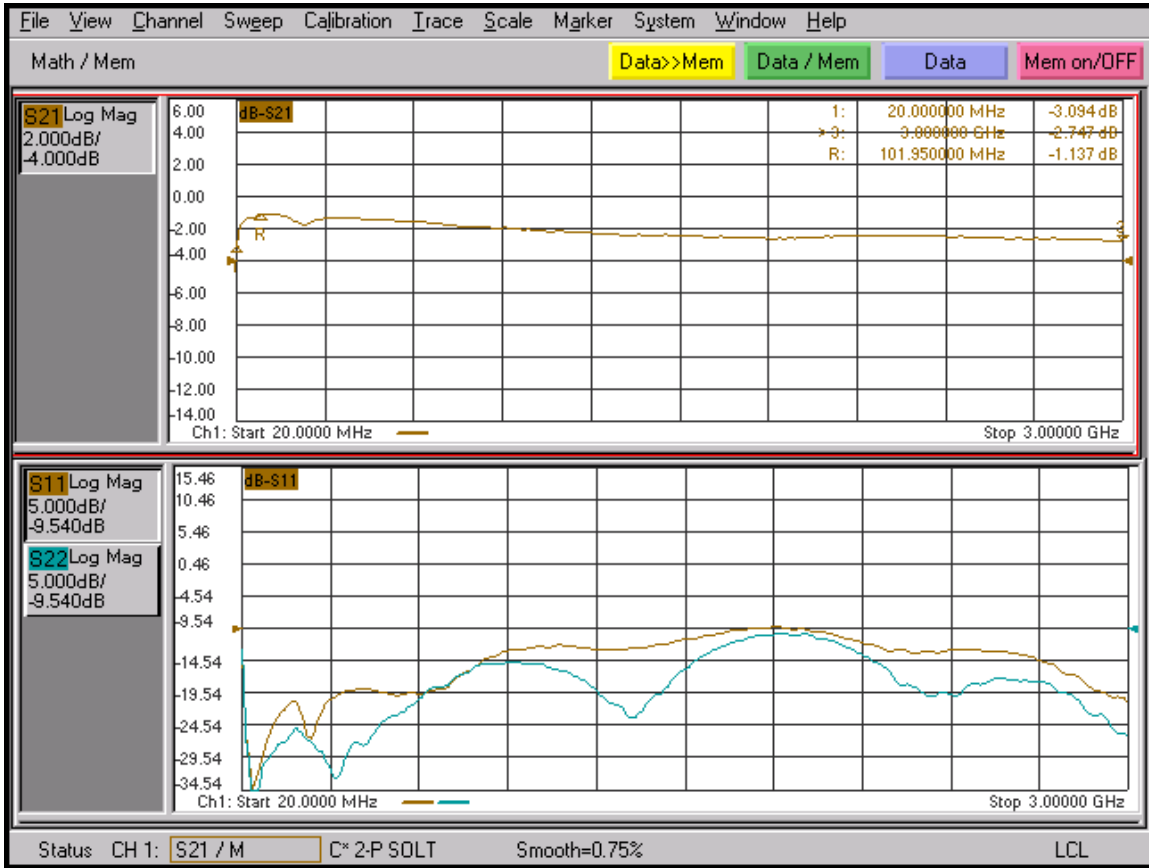
Typ. Insertion Loss and Return Loss J3-J9



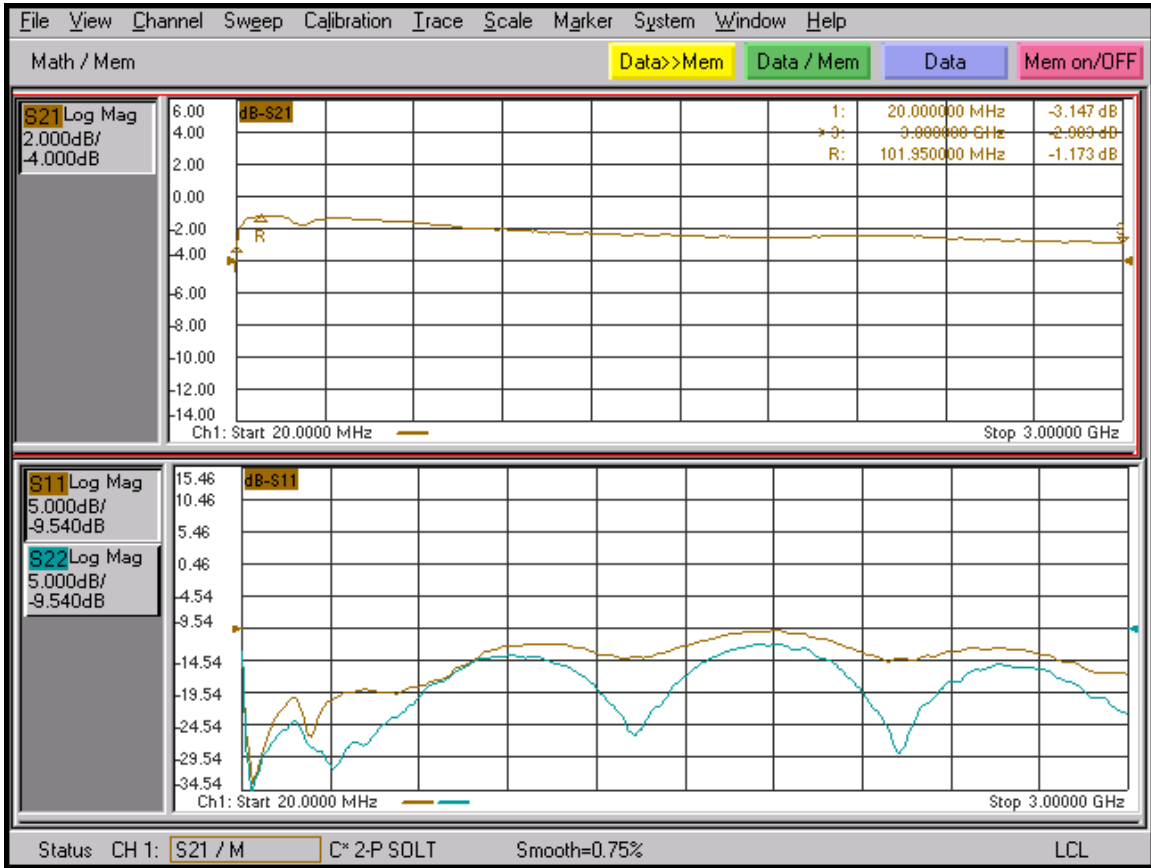
Typ. Insertion Loss and Return Loss J4-J9



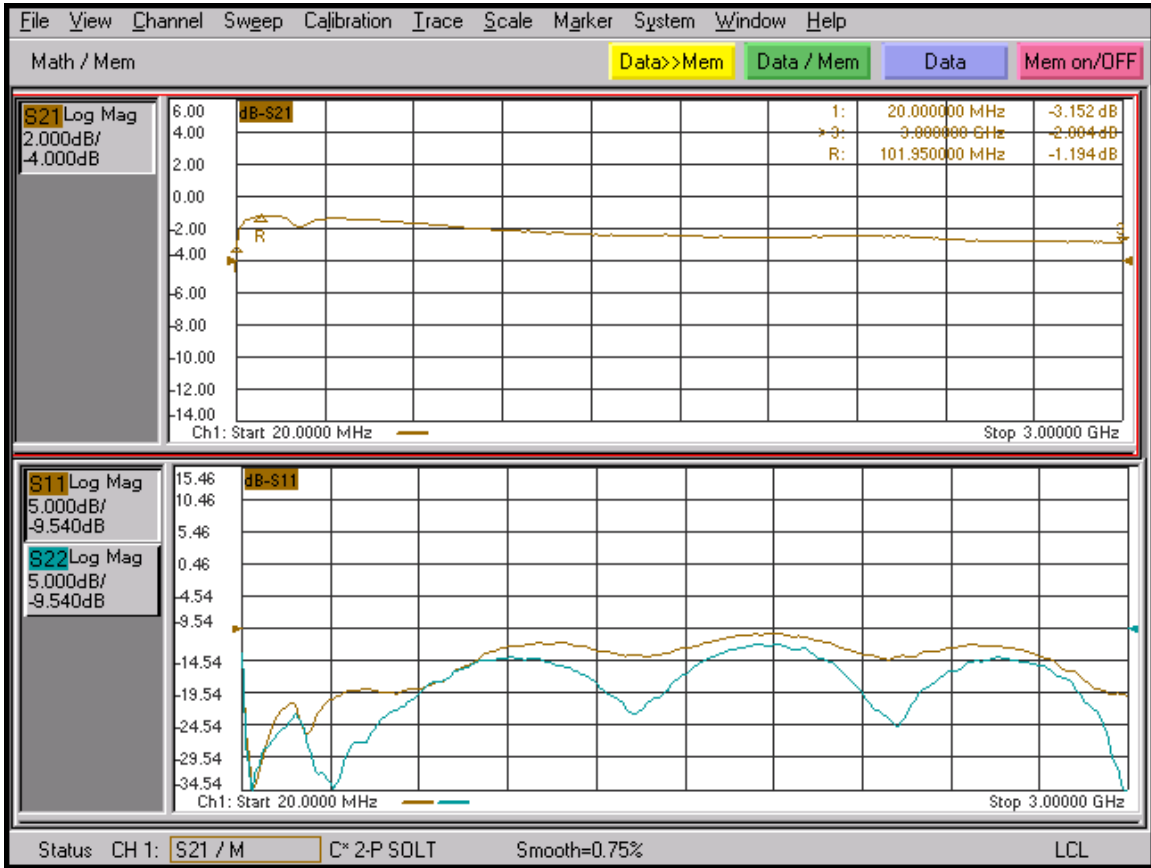
Typ. Insertion Loss and Return Loss J5-J9



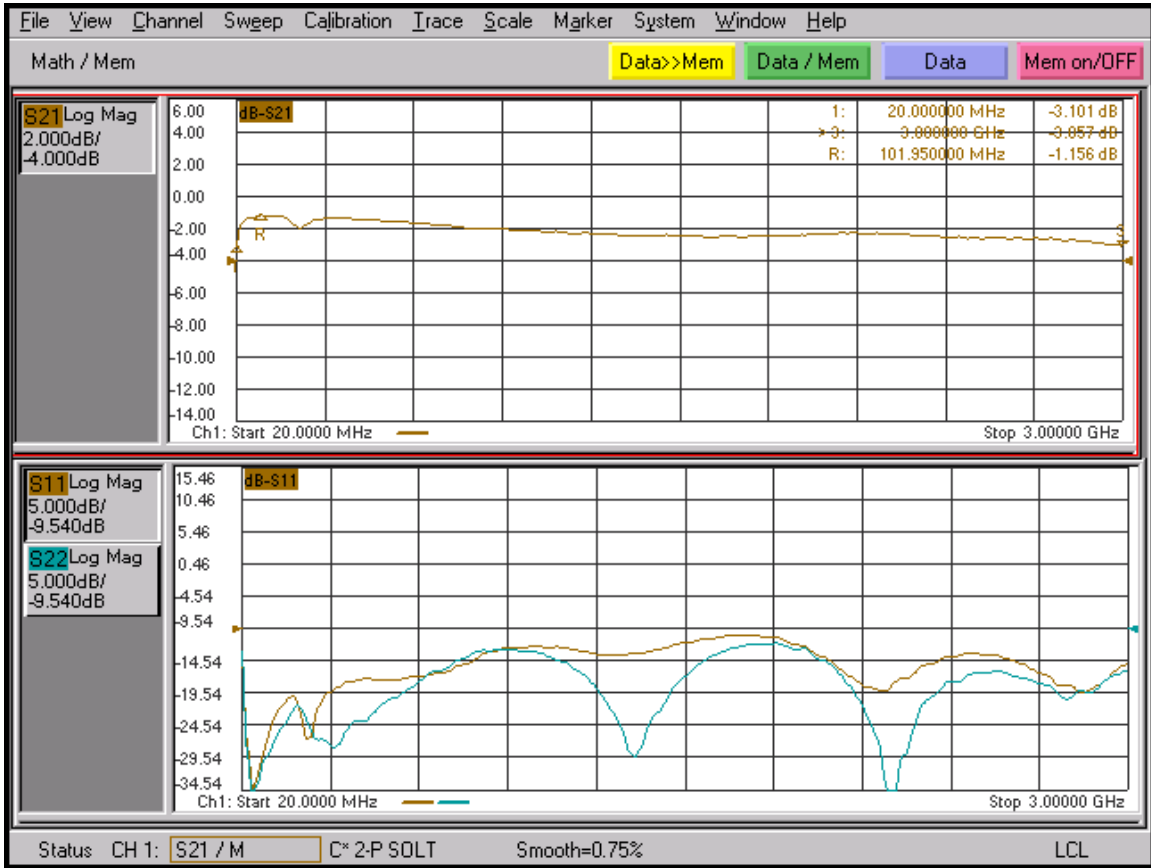
Typ. Insertion Loss and Return Loss J6-J9



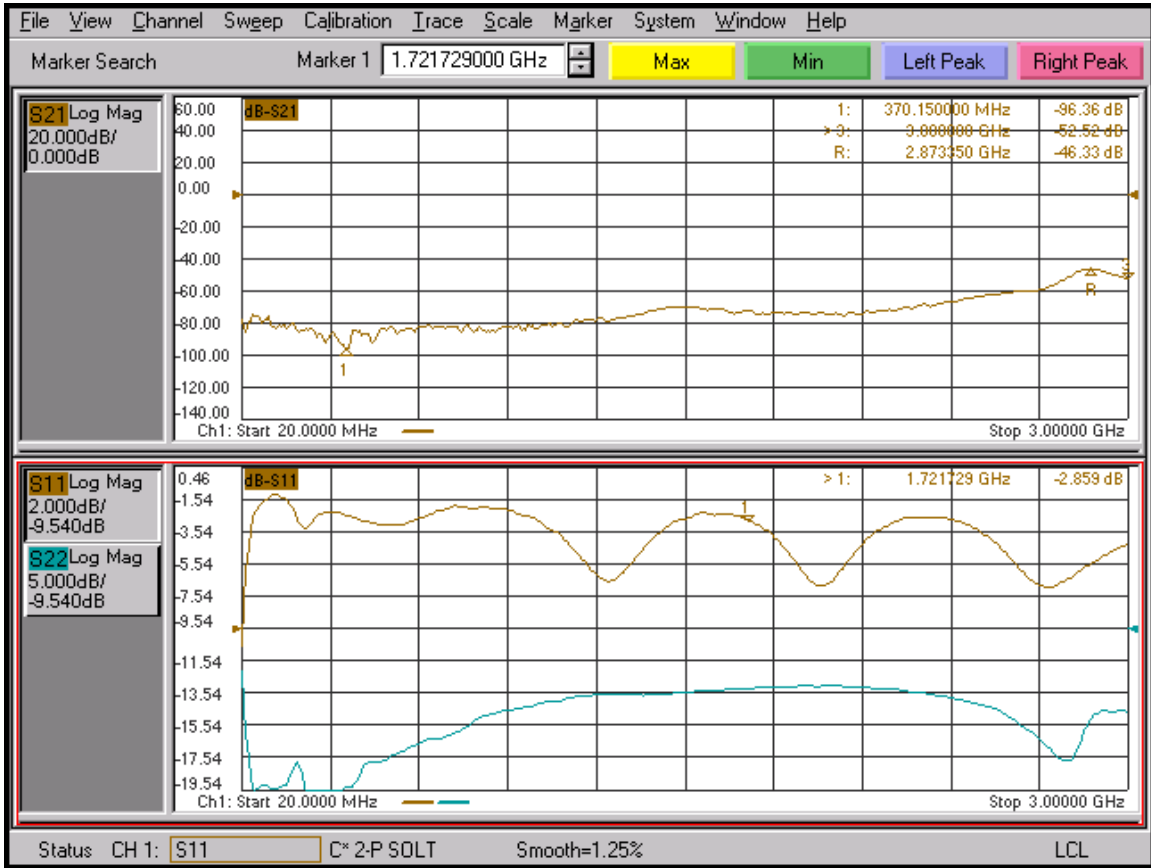
Typ. Insertion Loss and Return Loss J7-J9



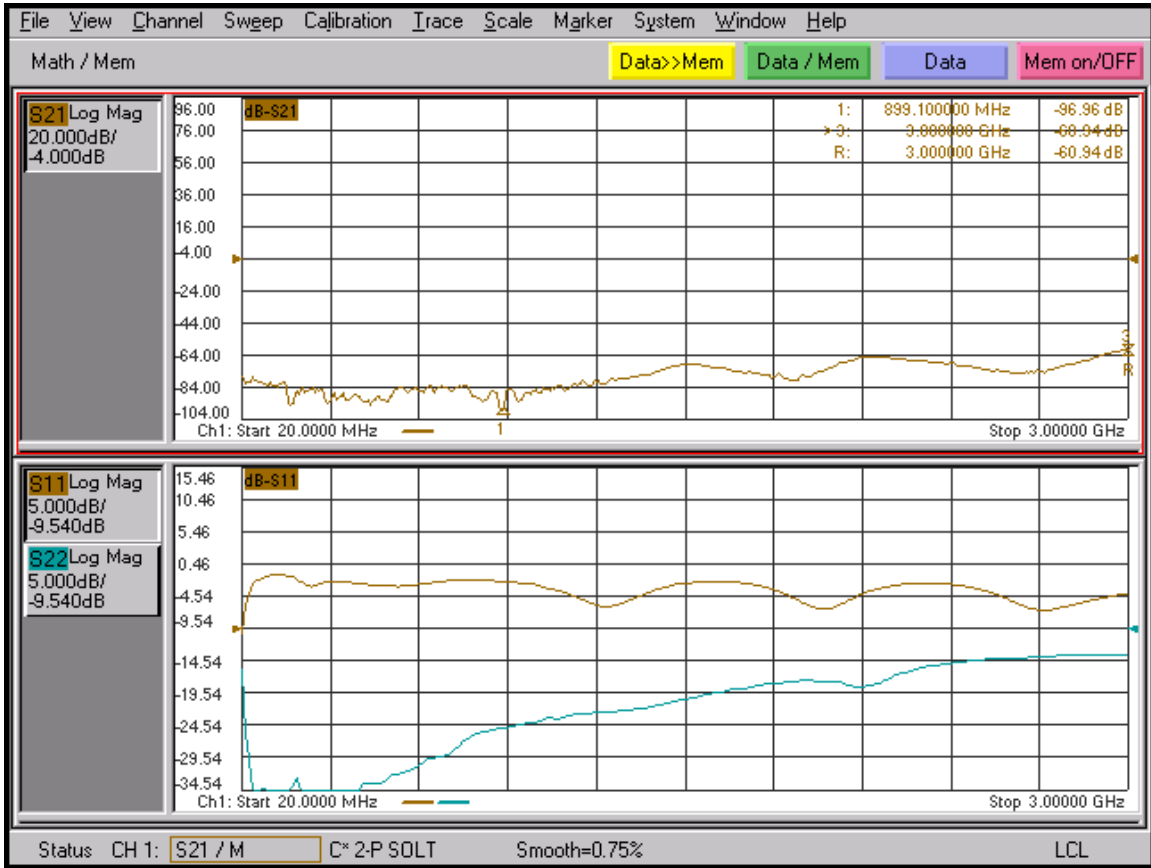
Typ. Insertion Loss and Return Loss J8-J9



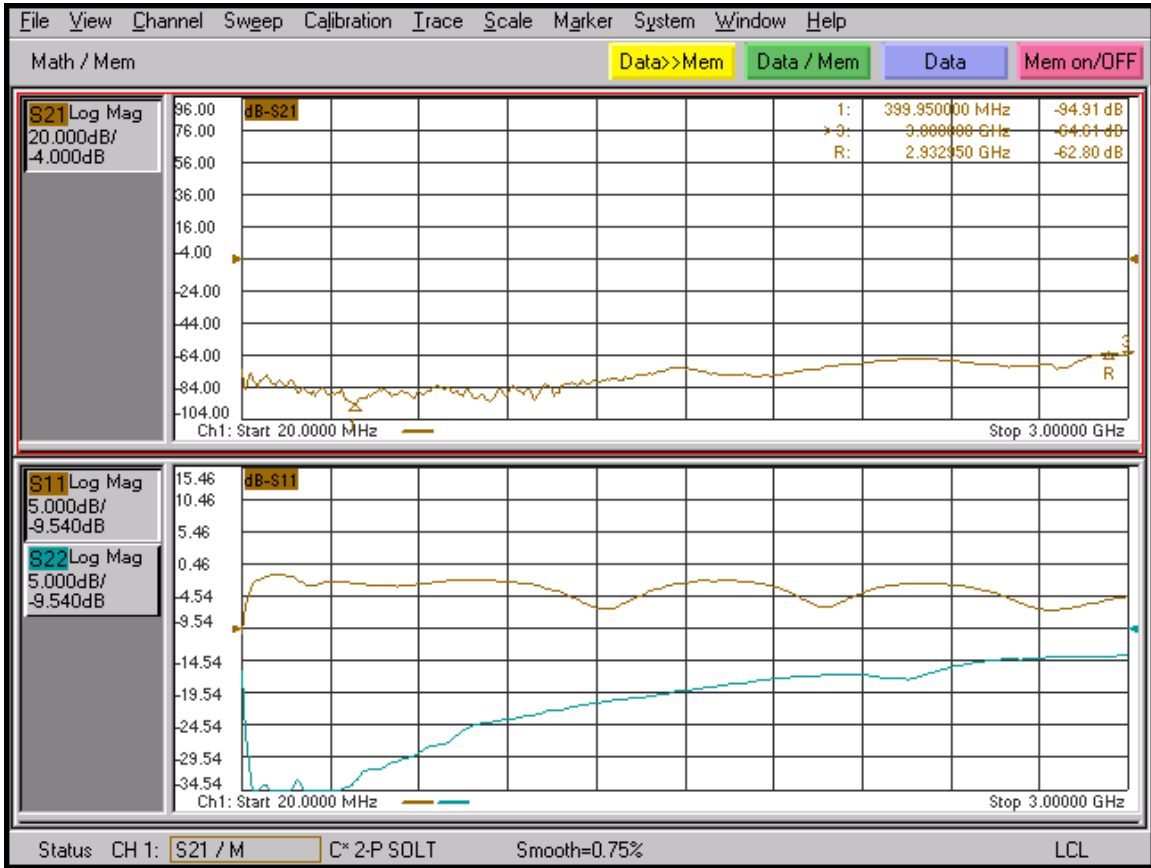
Typ. Isolation and Return Loss J1-J9



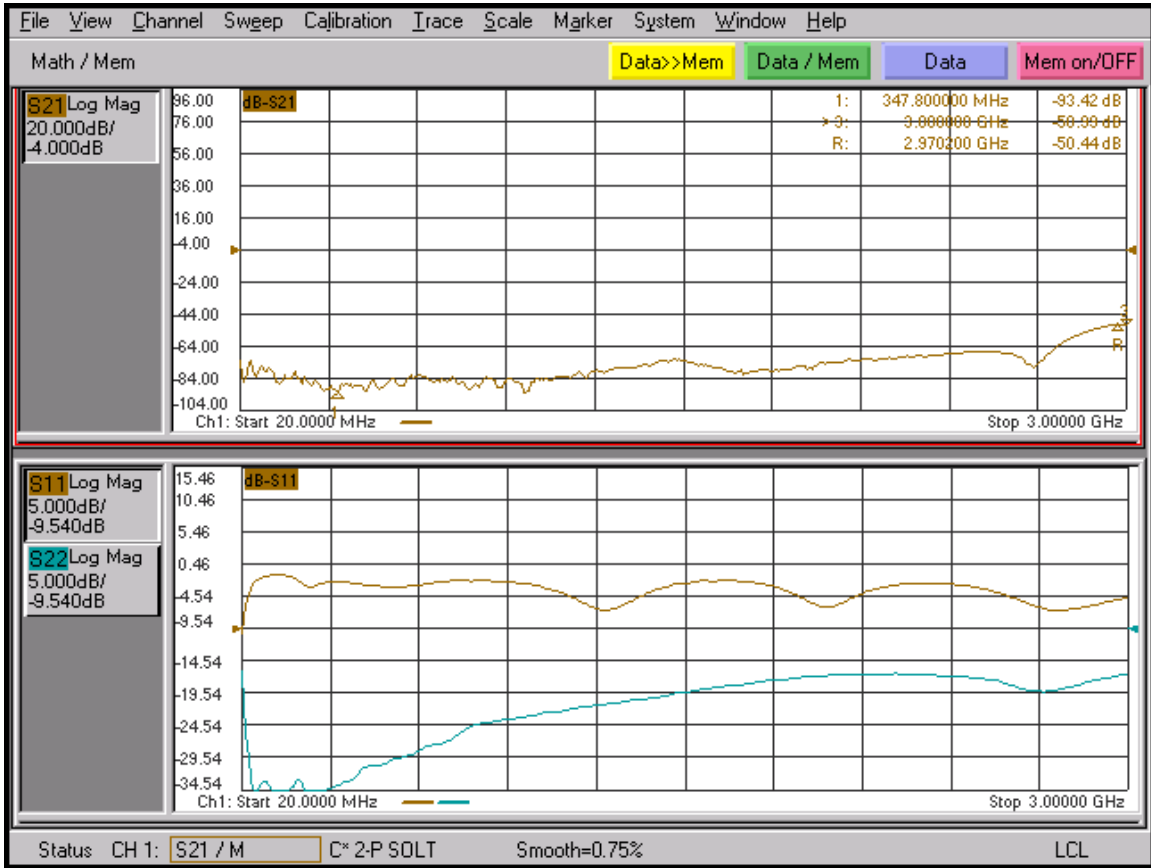
Typ. Isolation and Return Loss J2-J9



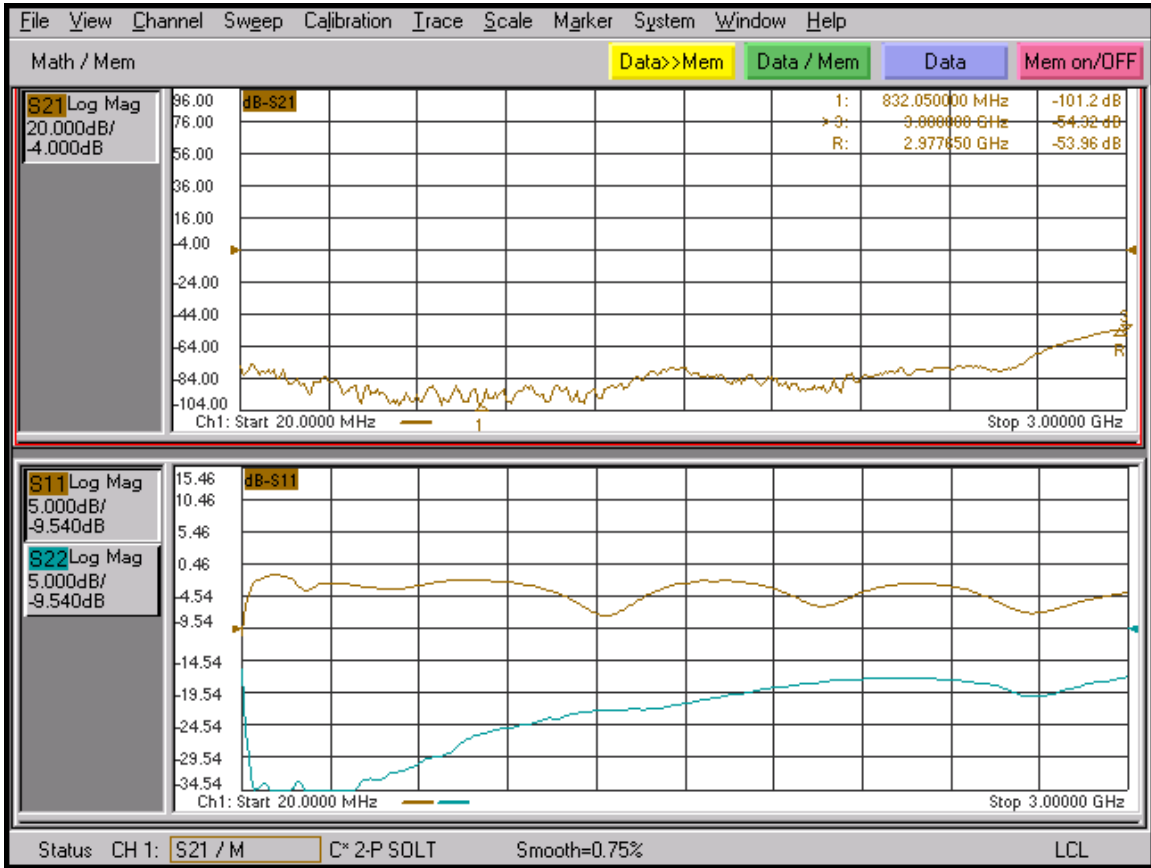
Typ. Isolation and Return Loss J3-J9



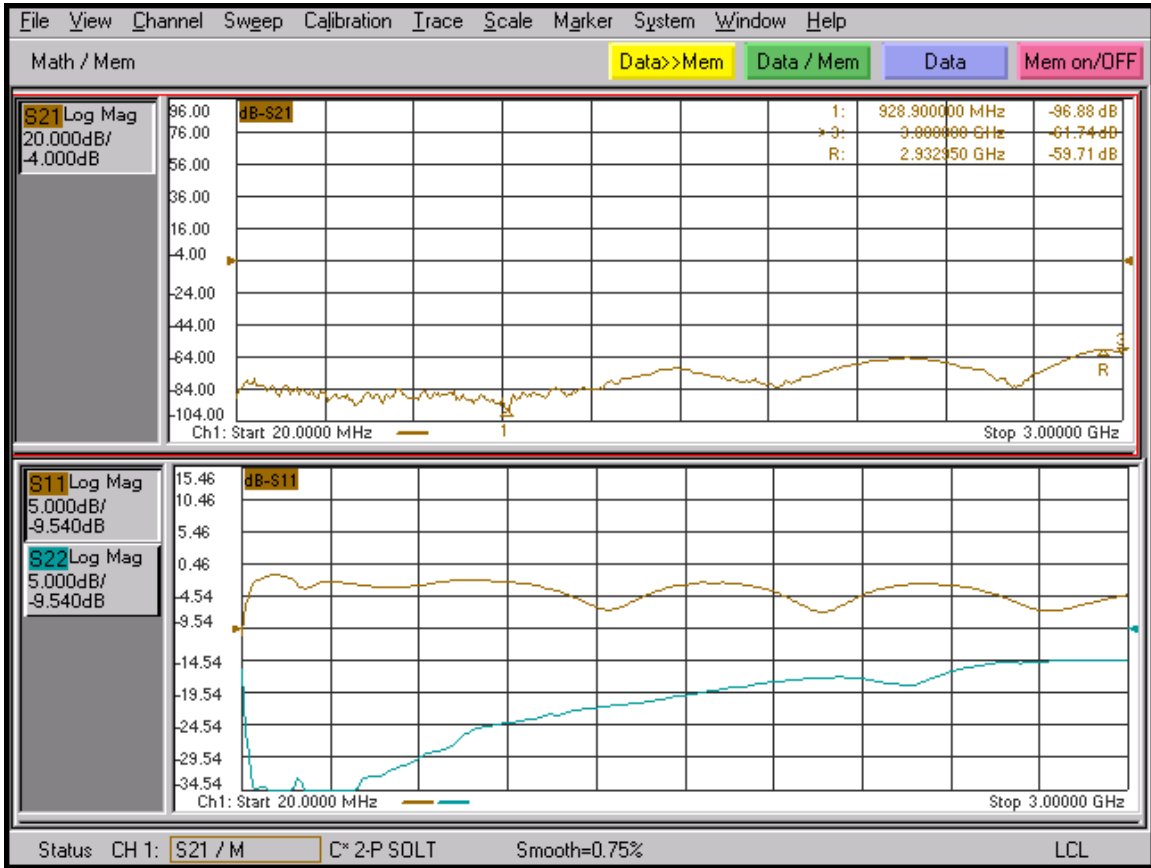
Typ. Isolation and Return Loss J4-J9



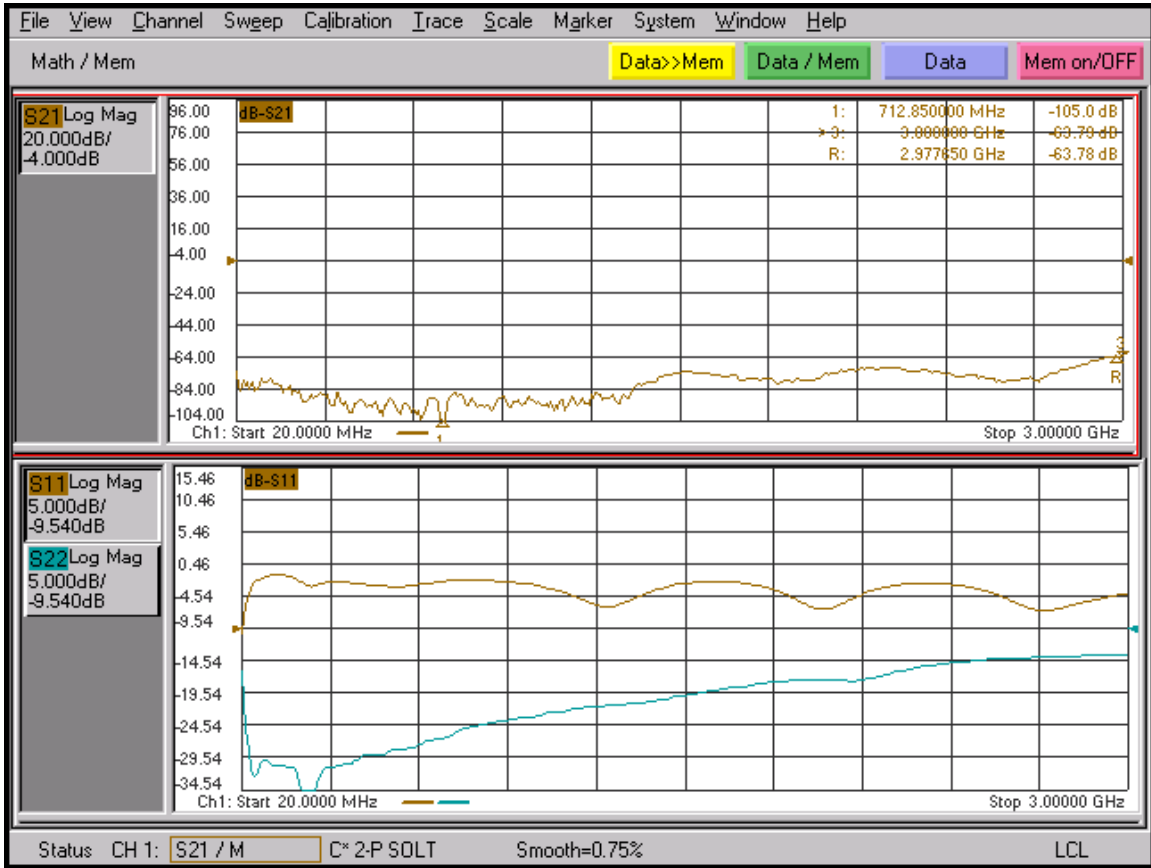
Typ. Isolation and Return Loss J5-J9



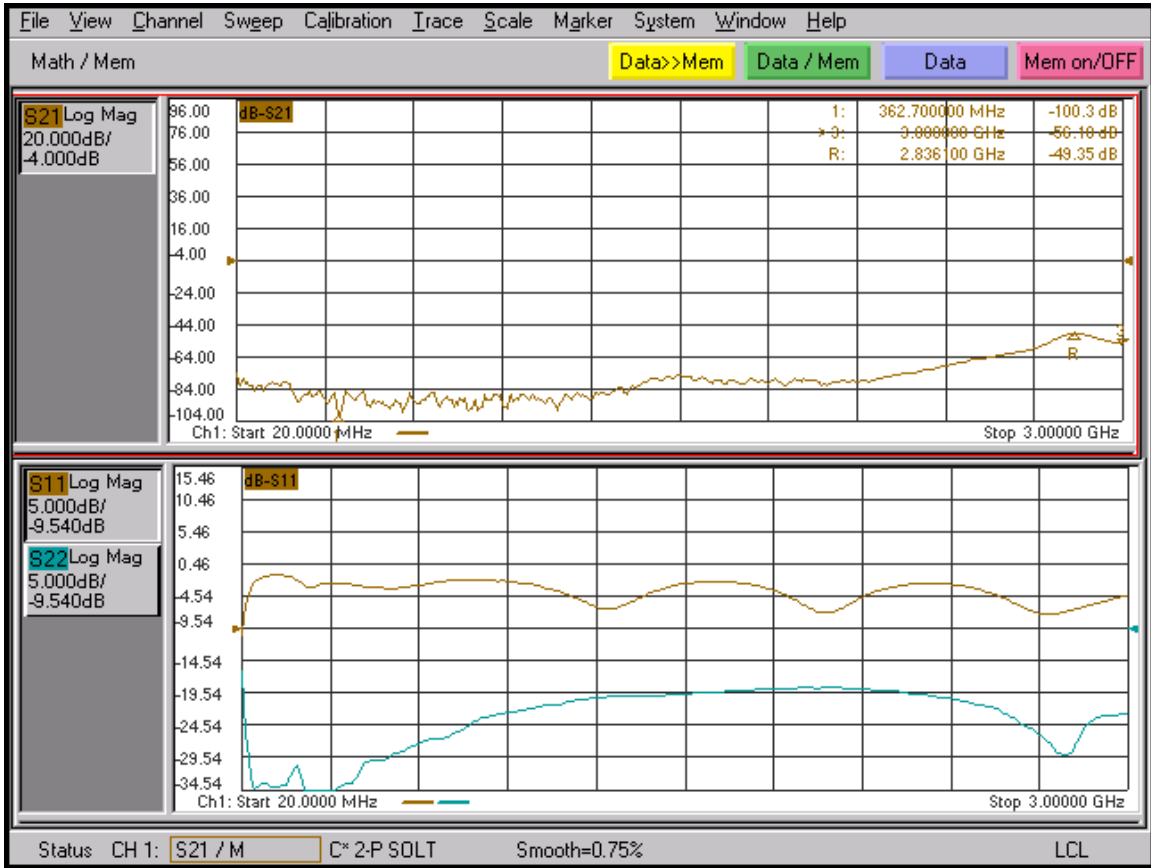
Typ. Isolation and Return Loss J6-J9



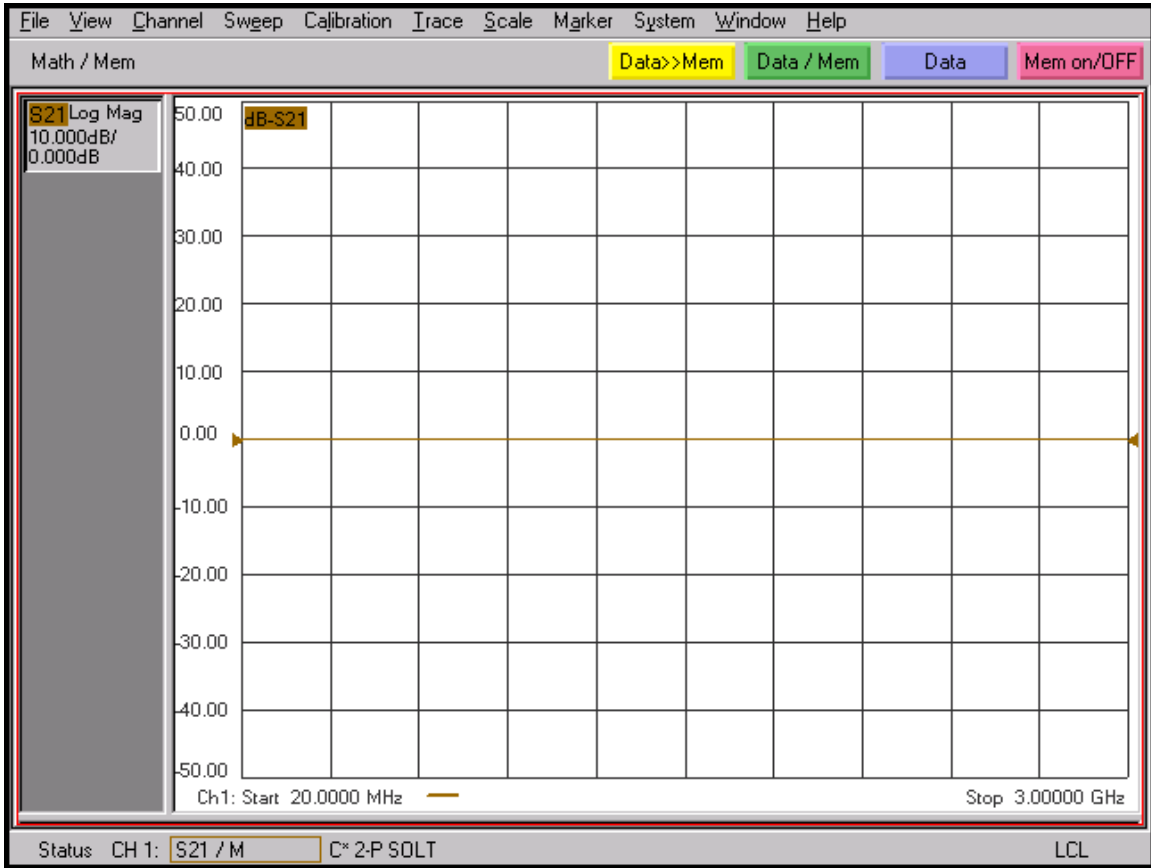
Typ. Isolation and Return Loss J7-J9



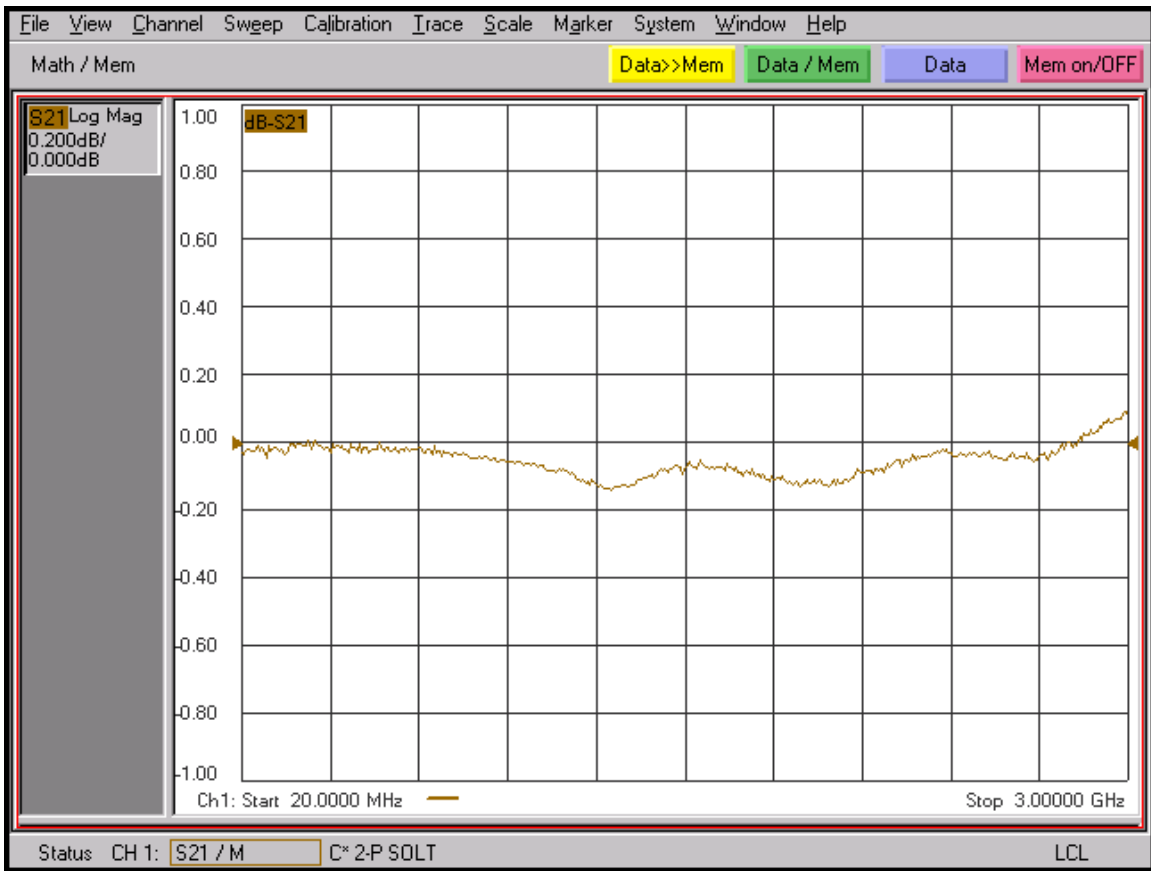
Typ. Isolation and Return Loss J8-J9



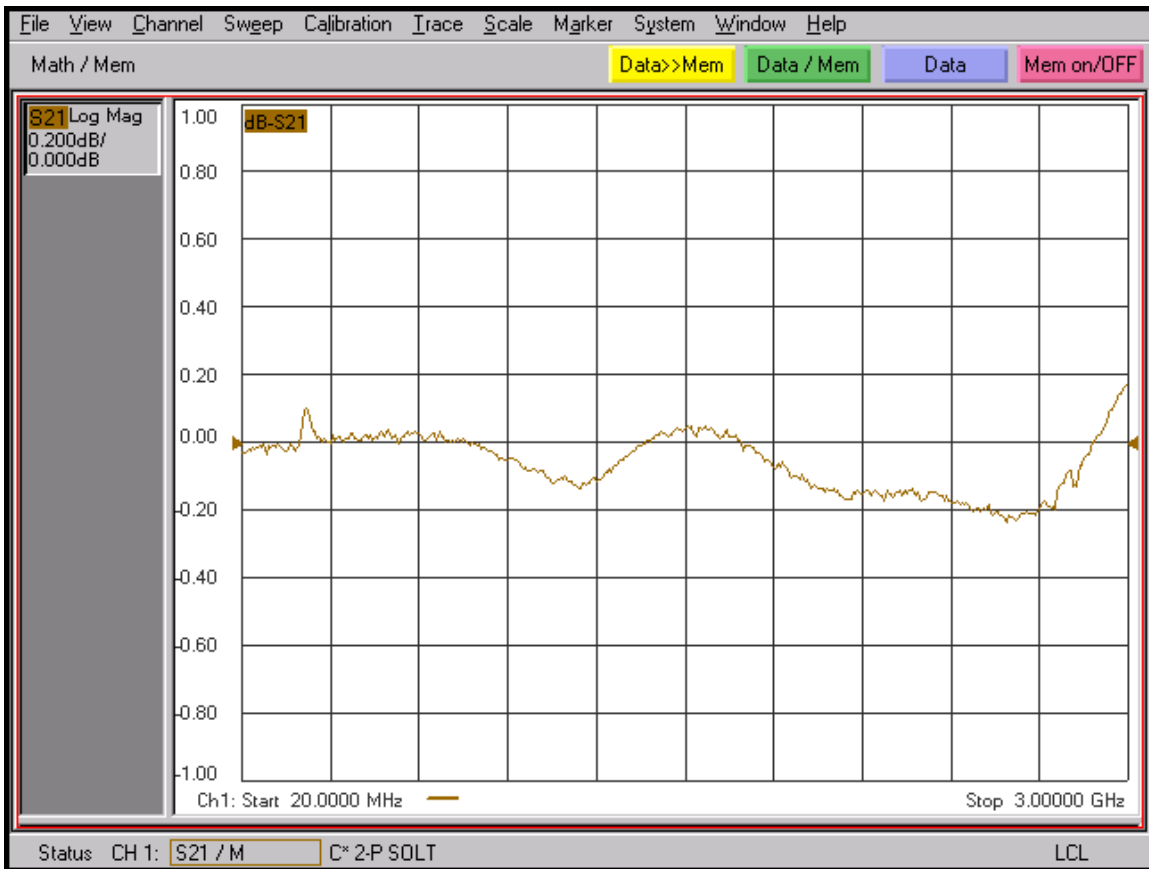
Amplitude Balance Reference J8-J9



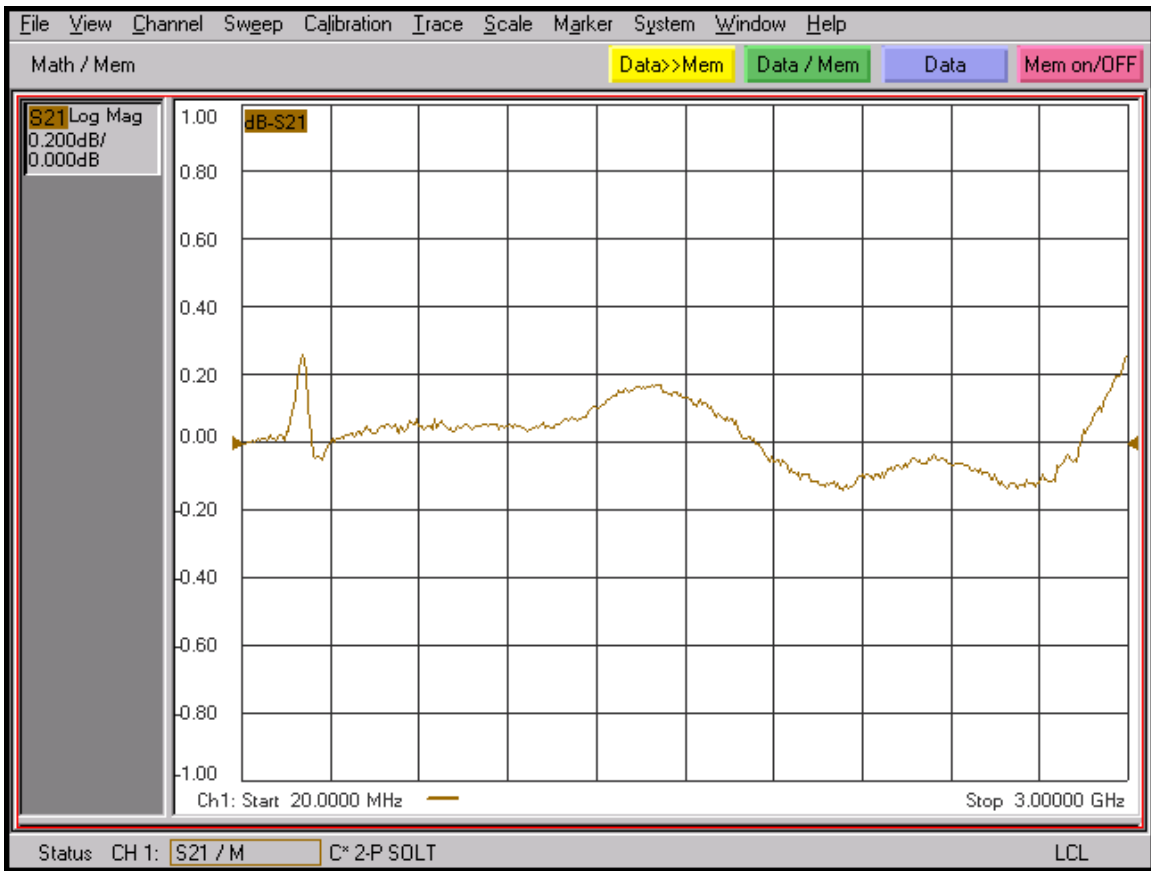
Amplitude Balance (Compared to J8-J9) J1-J9



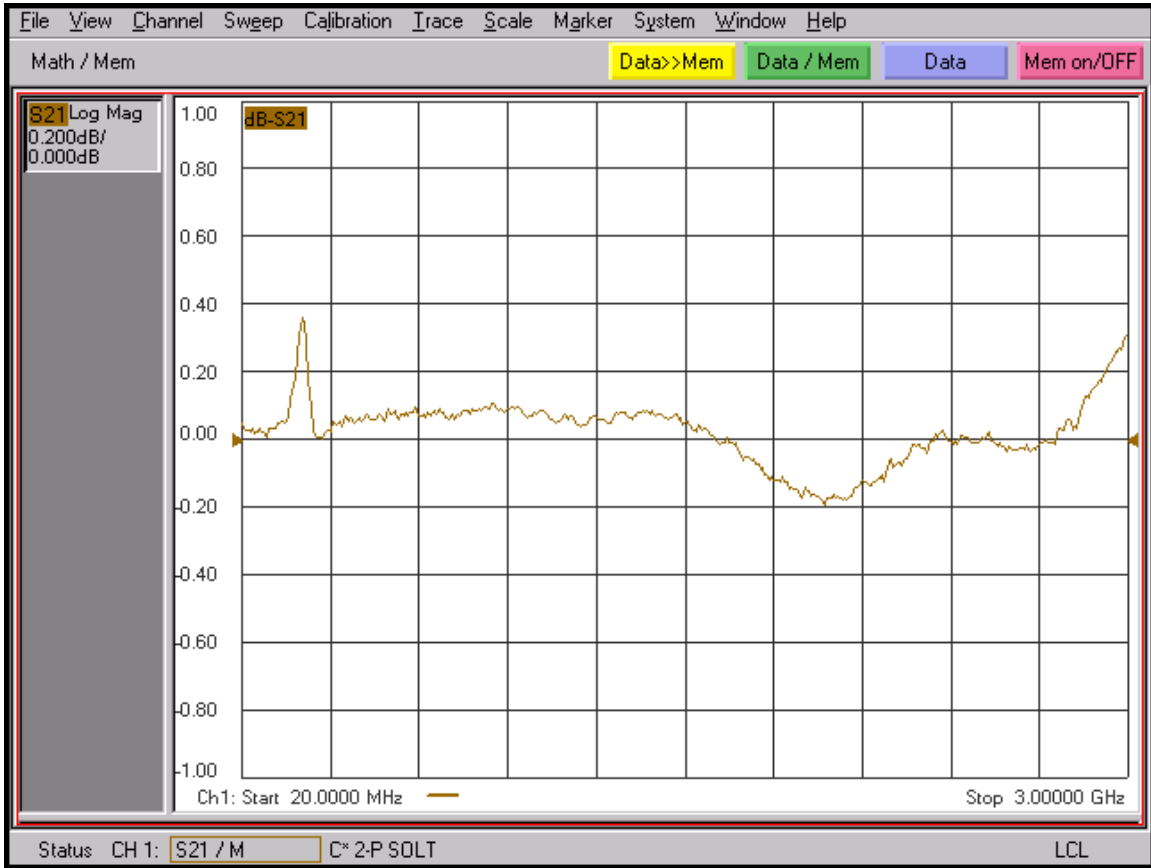
Amplitude Balance (Compared to J8-J9) J2-J9



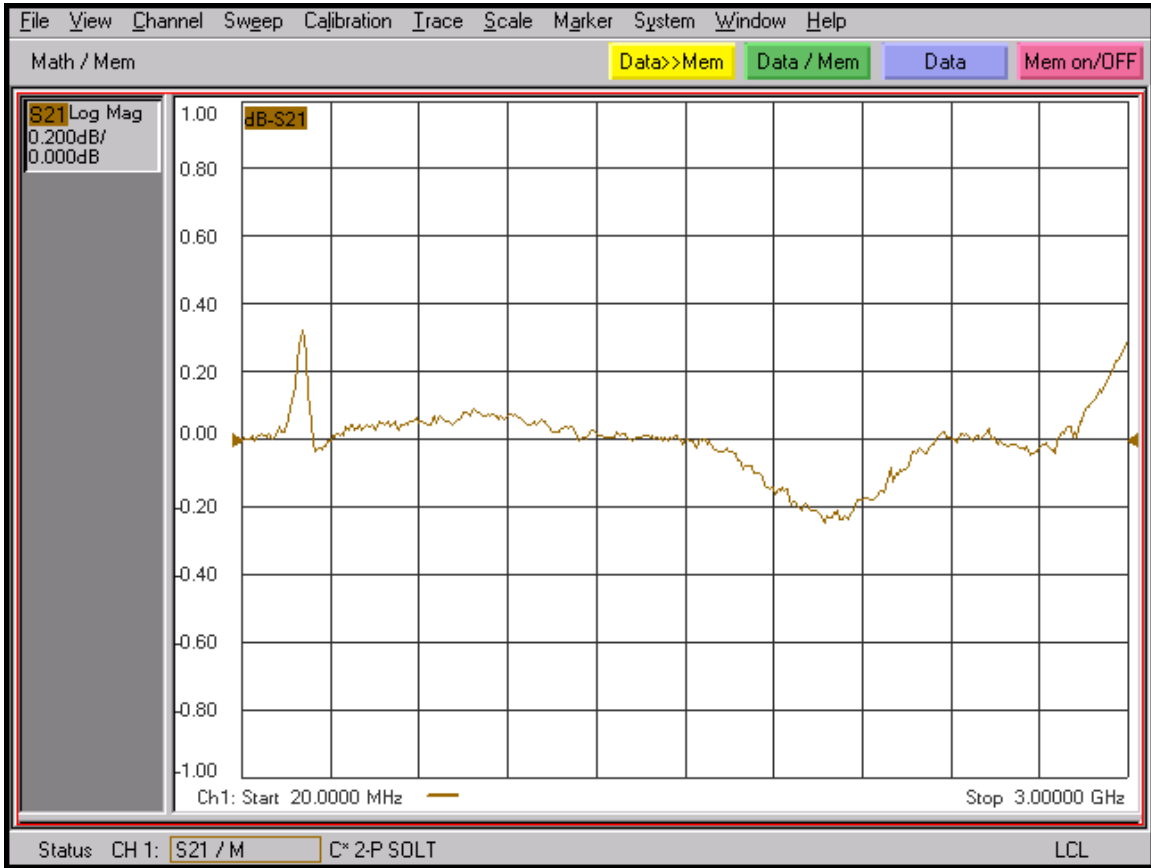
Amplitude Balance (Compared to J8-J9) J3-J9



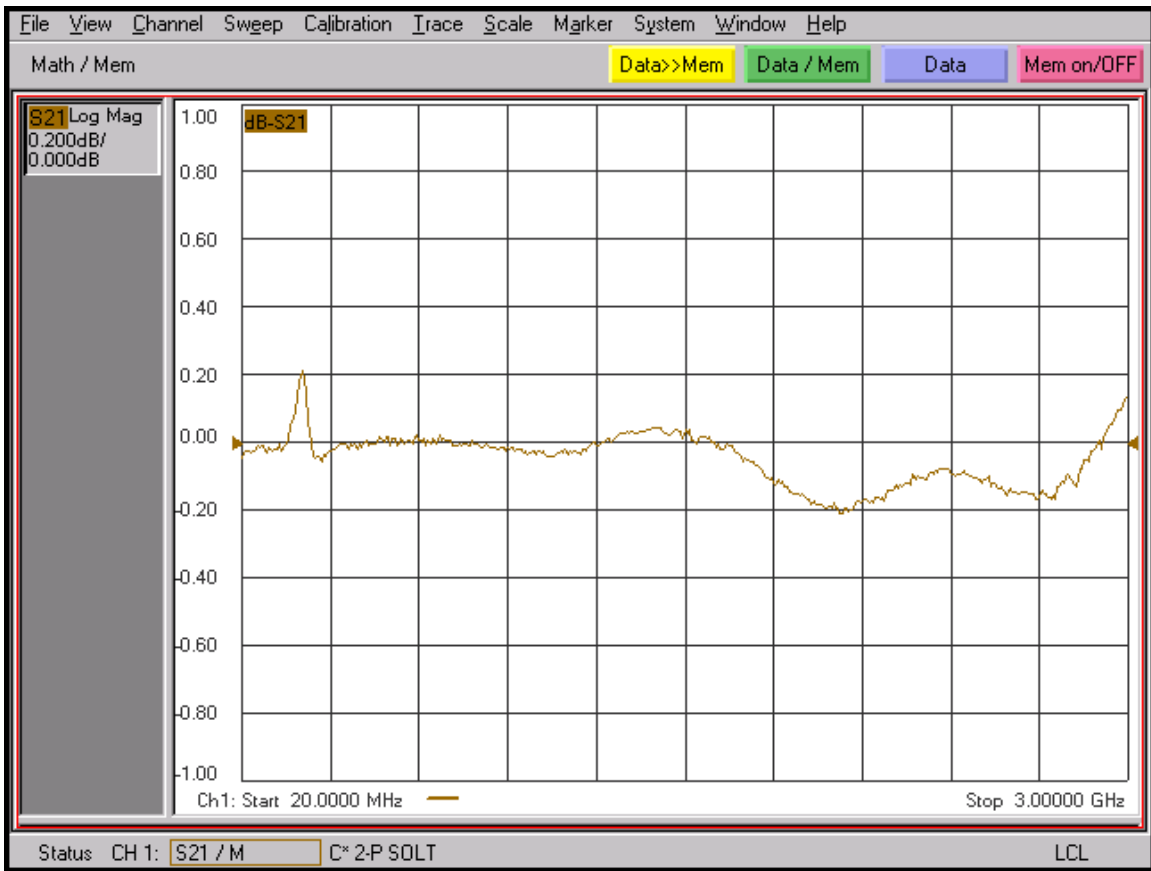
Amplitude Balance (Compared to J8-J9) J4-J9



Amplitude Balance (Compared to J8-J9) J5-J9



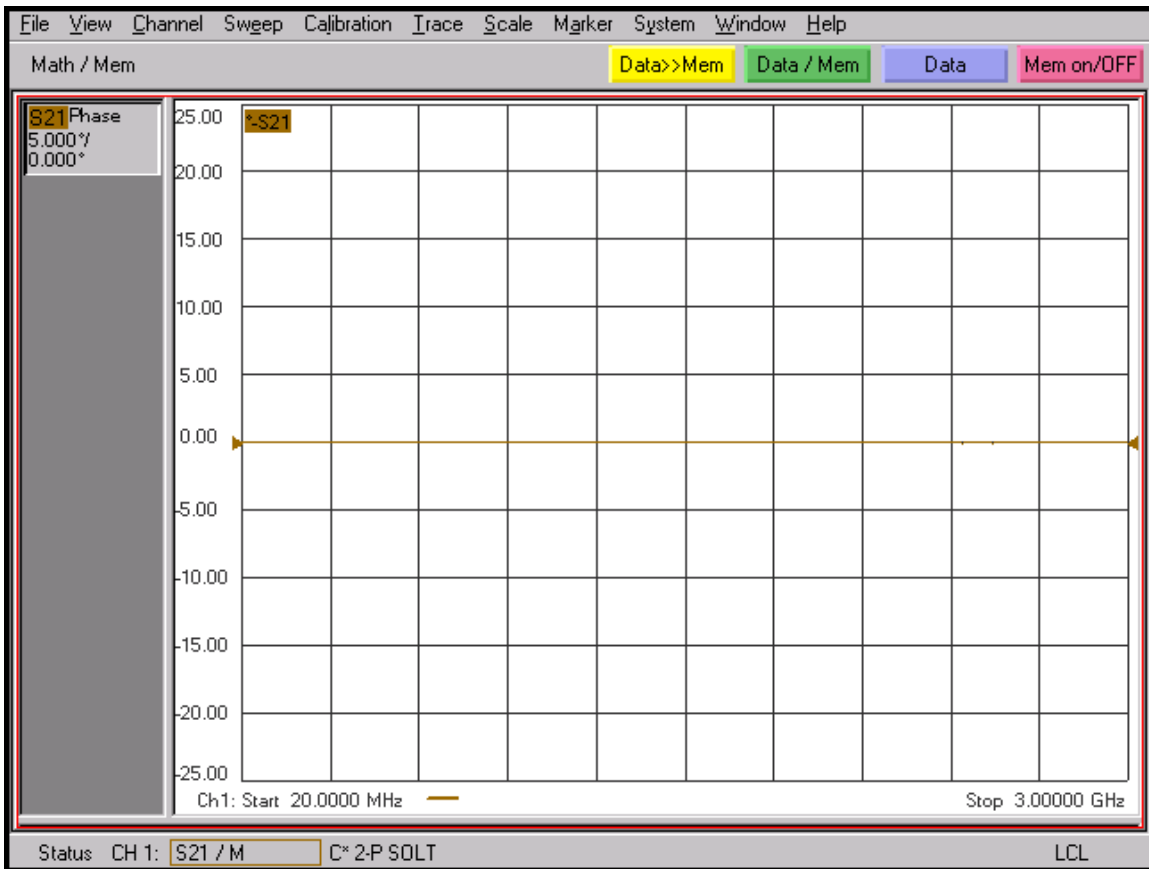
Amplitude Balance (Compared to J8-J9) J6-J9



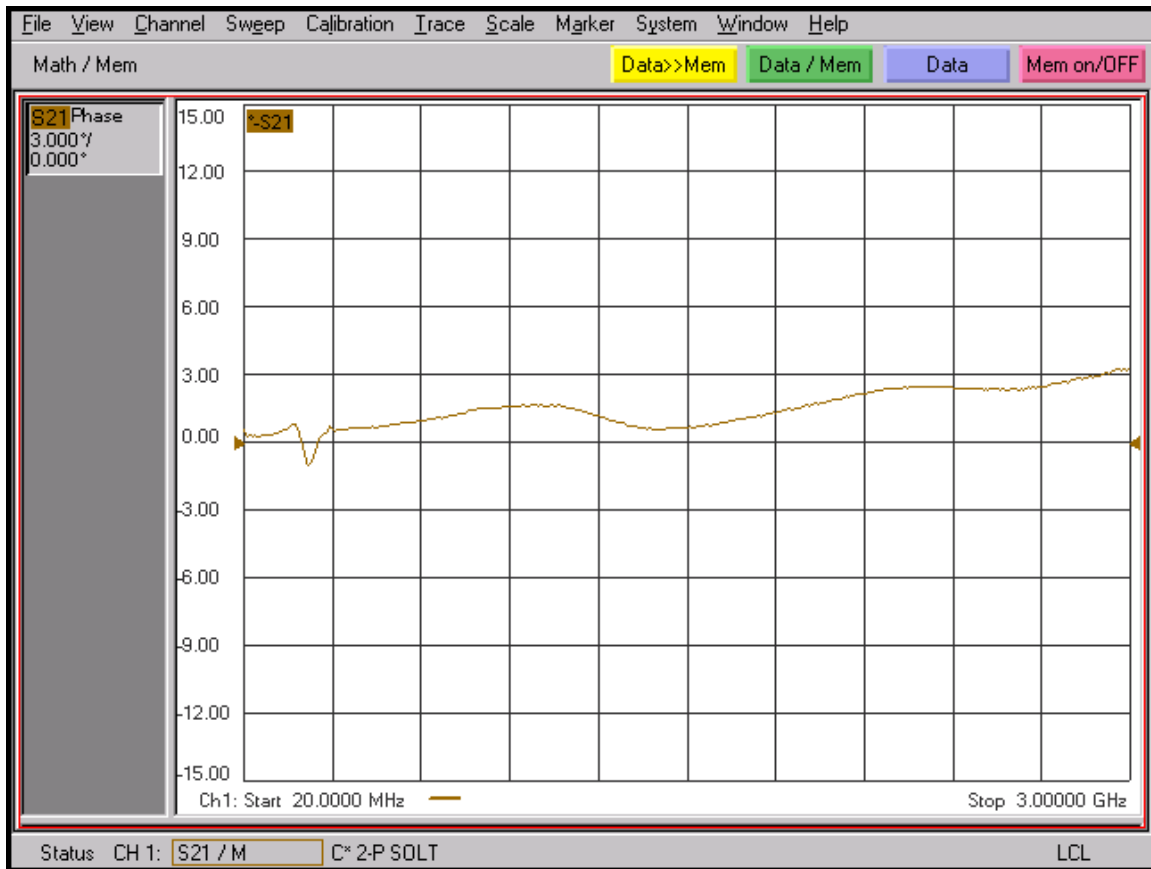
Amplitude Balance (Compared to J8-J9) J7-J9



Phase Balance Reference (J2-J9)



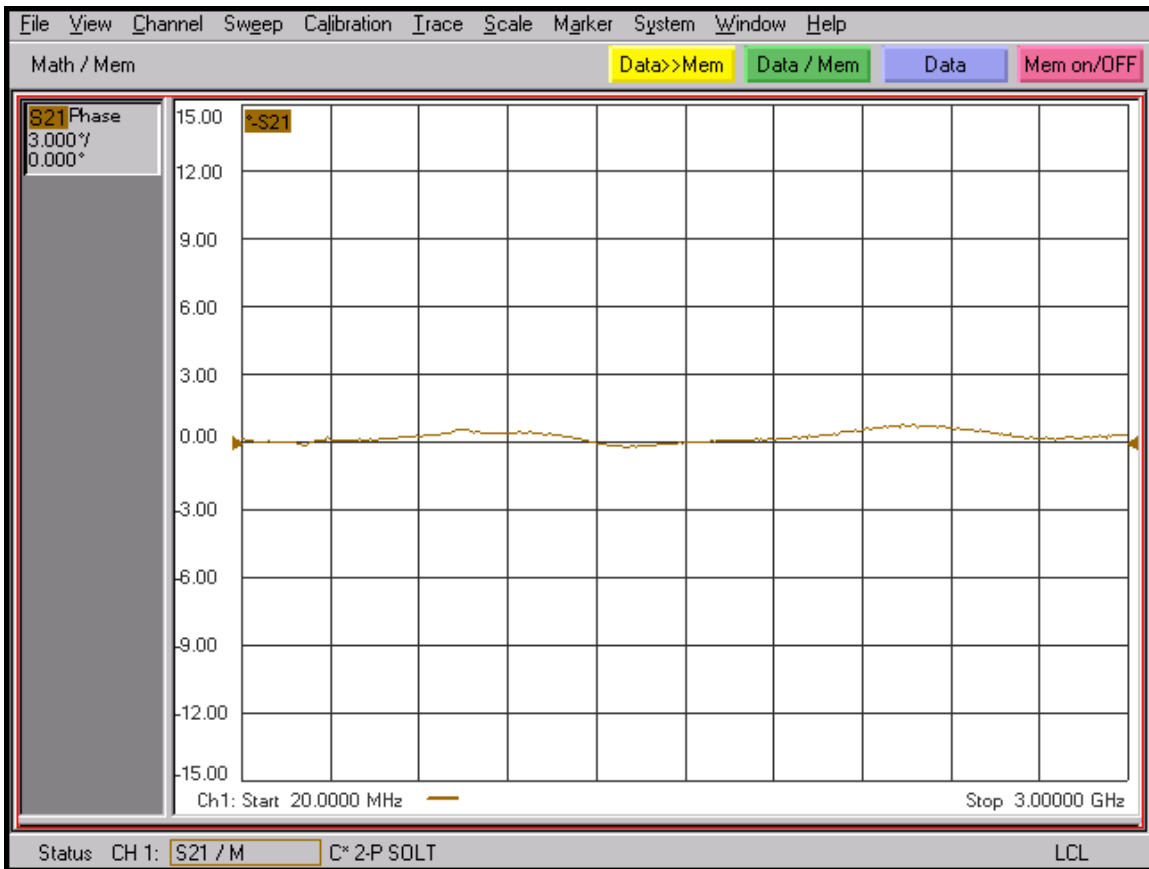
Phase Balance Reference (Compared to J2-J9) J3-J9



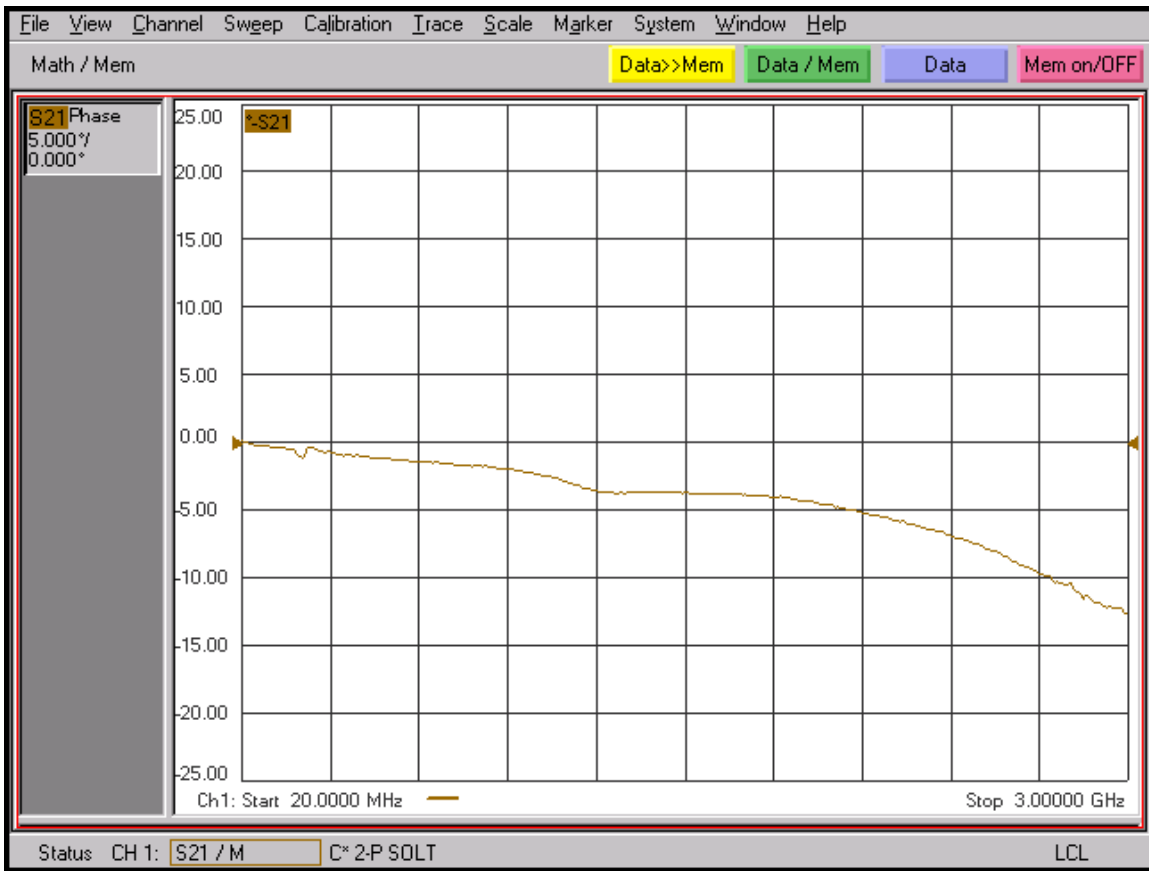
Phase Balance Reference (Compared to J2-J9) J6-J9



Phase Balance Reference (Compared to J2-J9) J7-J9



Phase Balance Reference (Compared to J2-J9) J1-J9



Phase Balance Reference (Compared to J2-J9) J8-J9



Production Manager Approval: _____ Date: 1/31/06

QA/QC Approval: _____ Date: _____